

Attorney's Docket No.: 10559/008001/P6721/Intel Corporation

Amendments to the Specification:

Please add the following paragraphs beginning at page 23,
line 3:

DI
Cmt
In one implementation, a crossbar switch includes a switch that includes at least one analog input port, at least one digital input port, at least one analog output port, at least one digital output port, and a processor that generates digital signals based upon analog signals received in at least one analog input port. The crossbar switch also includes at least one analog input channel that receives an audio signal, in which each analog input channel is coupled to a corresponding analog input port of the switch.

The crossbar switch further includes at least one digital input channel, at least one analog output channel, at least one digital output channel, and a control element coupled to the switch. Each digital input channel is coupled to a corresponding digital input port of the switch, and each analog output channel is coupled to a corresponding analog output port of the switch. Also, each digital output channel is coupled to a corresponding digital output port of the switch. The control element is adapted to control which of the analog input ports, digital input ports, analog output ports, and digital output ports are active.

Attorney's Docket No.: 10559/008001/P6721/Intel Corporation

An active input port sends a signal received at the input port from a coupled channel into the switch. Furthermore, an active output port sends a signal from within the switch to a coupled channel, allowing a signal received at any input port of the switch to be sent to one or more channels coupled to corresponding output ports of the switch.

DI
Cont

In one implementation, an audio crossbar switch includes multiple input ports and multiple output ports. One input port is coupled to an audio source. One output port is coupled to a telephone network, and one output port is coupled to a computer network. The audio crossbar switch also includes a control element which physically connects at least one input port to at least one output port and can dynamically change which input port is coupled to which output port. In one case, the audio source may be a telephone. In another case, the control element can change a connection between the audio source and the telephone network to a connection between the audio source and the computer network without terminating a telephone conversation occurring through the connection between the audio source and the telephone network.